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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	5
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**Complete if Known**

Application Number	10/803 507
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Filing Date	03/18/2004
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First Named Inventor	Storer
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Art Unit	Store#
	2819

Examiner Name	Jeanglaude
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**Attorney Docket Number**

Examiner Initials*	Cite No. <sup>1</sup>	U. S. PATENT DOCUMENTS			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
JKJL		US 4,366,551	12-28-1982	Holtz	all pages
		US 4,558,302	12-10-1985	Welch	all pages
		US 4,646,061	02-24-1987	Bledsoe	all pages
		US 4,701,745	10-20-1987	Waterworth	all pages
		US 4,730,348	03-08-1988	MacCriskin	all pages
		US 4,814,746	03-21-1989	Miller et al.	all pages
		US 4,876,541	10-24-1989	Storer	all pages
		US 4,905,297	02-27-1990	Langdon et al.	all pages
		US 4,906,991	03-06-1990	Fiala et al.	all pages
		US 5,003,307	03-26-1991	George et al.	all pages
		US 5,016,009	06-11-1991	George et al.	all pages
		US 5,126,739	06-20-1992	George et al.	all pages
		US 5,153,591	10-06-1992	Clark	all pages
		US 5,175,543	12-29-1992	Lantz	all pages
		US 5,179,378	06-12-1993	Ranganathan et al.	all pages
		US 5,253,325	10-12-1993	Clark	all pages
		US 5,379,036	01-03-1995	Storer	all pages
		US 5,479,654	12-26-1995	Squibb	all pages
JKJL		US 5,608,396	03-04-1997	Cheng et al.	all pages

[illegible]

**Examiner  
Signature**

Alan Bruner Handland

Date Considered

6/14/05

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Sheet 2

of 5

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Application Number	10/803.507
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Filing Date	10/8/03, 50 3/18/2004
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First Named Inventor	Storer
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Art Unit	Store
	2070

Examiner Name	2819 Jeanglaude
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Attorney Docket Number	
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**Examiner  
Signature**

Van Brune Glandau

**Date Considered**

6	14	05
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Sheet	3	of	5
Application Number	10/803,507		
Filing Date	03/18/2004		
First Named Inventor	Storer		
Art Unit	2819		
Examiner Name	Jeanglaude		
Attorney Docket Number			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JBS	✓	AJTAI, Burns, Fagin, and Long [2002]. "Compactly Encoding Unstructured Inputs with Differential Compression". J. of the ACM 49:3, 318-367. (U.S.) <i>Vol 49, No 3, May 2002</i>	1
	0	APOSTOLICO, Browne, and Guerra [1992]. "Fast Linear-Space Computations of Longest Common Subsequences". Theoretical Computer Science, 92:1, 3-17. (U.S.) <i>Vol 92, No 1, Jan 6, 1992</i>	2
	✓	BURNS and Long [1997]. "A Linear Time, Constant Space Differencing Algorithm". Proc. IEEE Int. Conf. on Perform., Comp., and Communications. (U.S.) <i>Feb 1997</i>	3
	✓	BURNS and Long [1997b]. "Efficient Distributed Backup and Restore with Delta Compression". Workshop on I/O in Parallel and Distributed Systems (IOPADS). (U.S.) <i>(Nov month)</i>	4
	0	BURNS, Stockmeyer, and D. D. E. Long [2002]. "Experimentally Evaluating In-Place Delta Reconstruction", NASA Conf. on Mass Storage Sys. and Tech. (U.S.) <i>NO month</i>	5
	✓	CORMODE, Paterson, Sahinalp and Vishkin [2000]. "Communication Complexity of Document Exchange", Proc. 11th Symp. on Discrete Algorithms, 197-206. (U.S.) <i>(no month)</i>	6
	✓	FACTOR, Sheinwald, and Yassour [2001]. "Software Compression in the Client/Server Environment", Proc. Data Compression Conf., IEEE Comp. Society Press, 233-242. (U.S.) <i>March 27-29 2001</i>	7
	✓	FRASER and Myers [1987]. "An Editor for Revision Control", ACM Transactions on Programming Languages and Systems 9:2, 277-295. (U.S.) <i>Vol 9, No 2, April 1987</i>	8
	✓	HUNT, Vo, and Tichy [1998]. "Delta algorithms: An Empirical Analysis", ACM Trans. on Software Engineering and Methodology 7, 192-214. (U.S.) <i>Vol 7, No 2, April 1998</i>	9
JBS		HUFFMAN [1952]. "A Method for the Construction of Minimum-Redundancy Codes", Proceedings of the IRE 40, 1098-1101. (U.S.) <i>Sep 1952</i>	10

Examiner Signature	<i>Man Bruno Jeanglaude</i>	Date Considered	6/14/05
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Sheet 4

of 5

Application Number

10/803,507

Filing Date

03/18/2004

First Named Inventor

Storer

Art Unit

2819

Examiner Name

Jeanglaude

Attorney Docket Number

Complete if Known

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
jsle	-	LEMPEL and Ziv [1976]. "On the Complexity of Finite Sequences", IEEE Transactions on Information Theory 22:1, 75-81. (U.S.) (no month)	
		MILLER and Myers [1985]. "A File Comparison Program", Software-Practice and Experience 15:11, 1025-1040. (U.S.) unknown month	
		RICK [1995]. "A New Flexible Algorithm for the Longest Common Subsequence Problem", Proc. 6th Annual Symposium on Combinatorial Pattern Matching, Espoo, Finland, 5-7. (U.S.) unknown month	
		SHAPIRA, and Storer [2002]. "Edit Distance with Move Operations", Proceedings Conference of Combinatorial Pattern Matching (CPM), Springer, 85-98. (U.S.) unknown month	
		REICHENBERGER [1991]. "Delta Storage for Arbitrary Non-Text Files", Proc. 3rd Int. Workshop on Software Configuration Management, Trondheim, Norway, 12-14. (U.S.) unknown month	
		SHAPIRA, and Storer [2003]. "In-Place Differential File Compression", Proc. 2003 Data Comp. Conf. (published March 25, 2003), IEEE Comp. Soc. Press, 263-272. (U.S.)	
		STORER and T. G. Szymanski [1978]. "The Macro Model for Data Compression", Proc. 10th Annual ACM Symposium of the Theory of Computing, San Diego, CA, 30-39. (U.S.) unknown month	
		STORER and Szymanski [1982]. "Data Compression Via Textual Substitution", Journal of the ACM 29:4, 928-951. (U.S.) unknown month	
		STORER [1988]. Data Compression: Methods and Theory, Computer Science Press (a subsidiary of W. H. Freeman Press). (U.S.) unknown month	
jsle		STORER [2002]. "An Introduction to Data Structures and Algorithms", Birkhauser - Springer. (U.S.) unknown month	

Examiner Signature

jean bruner jeanglaude

Date

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6/14/05

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5

of 5

Application Number

10/803,507

Filing Date

03/18/2004

First Named Inventor

Storer

Art Unit

2817

Examiner Name

Jeanglaude

Attorney Docket Number

## NON PATENT LITERATURE DOCUMENTS

Examiner  
Initials\*

Cite  
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T²

TICHY [1984]. "The String to String Correction Problem with Block Moves", ACM Transactions on Computer Systems 2:4, 309-321. (U.S.)

WAGNER and Fischer [1973]. "The String-to-String Correction Problem", Journal of the ACM 21:1, 168-173. (U.S.)

WEINER [1973]. "Linear Pattern Matching Algorithms", Proceedings of the 14th Annual IEEE Symposium on Switching and Automata Theory 1-11. (U.S.)

ZIV and Lempel [1977]. "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory 23:3, 337-343. (U.S.)

ZIV and Lempel [1978]. "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory 24:5, 530-536. (U.S.)

Examiner  
Signature

Man Bruner Jean Laude

Date

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**Attorney Docket Number**

Sheet	1	of	1
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 $T^2$ 

Burns and Long [1998]. "In-place Reconstruction of Delta Compressed Files", Proc. ACM Conf. Principles of Distributed Comp. (PODC) (U.S.)

(U.S.) No month

8/14/05

**2 Applicant is to place a check mark here if English language Translation is attached.**  
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